

1 **ABSTRACT**

2 A data receiver includes group envelope detection circuitry that produces a
3 group envelope voltage. The group envelope voltage represents the average
4 envelope of a plurality of amplified data signals. Associated feedback adjusts the
5 gains applied to each data signal to minimize any difference between the group
6 envelope voltage and a reference voltage. The reference voltage is preferably the
7 envelope of a clock signal associated with the data signals.

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